

L Number	Hits	Search Text	DB	Time stamp
1	11818	placenta\$ and human and extract\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 13:12
2	1440	placenta\$ same human same extract\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 14:21
3	99	(placenta\$ same human same extract\$) and psoriasis	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 14:11
5	2	"200050047"	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 14:11
6	57	(placenta\$ same human same extract\$) and carboxymethylcellulose	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 14:19
7	40	(placenta\$ same human same extract\$) and hydrogel	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 14:21
8	1027	(placenta\$ same human same extract\$) and gel	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 14:21
9	7	placenta\$ same human same extract\$ same topical\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 14:23
10	6	psoriasis same carboxymethylcellulose	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/17 14:23

(FILE 'HOME' ENTERED AT 12:58:45 ON 17 SEP 2003)

FILE 'BIOSIS, MEDLINE, INPADOC, CAPLUS' ENTERED AT 12:58:56 ON 17 SEP 2003

L1	3151 HUMAN AND PLACENTA AND EXTRACT?
L2	2 L1 AND PSORIASIS
L3	32 L1 AND (PHARMACEUT?)
L4	31 DUPLICATE REMOVE L3 (1 DUPLICATE REMOVED)
L5	684 L1 AND GEL
L6	3 L1 AND CARBOXYMETHYLCELLULOSE
L7	1 L5 AND TOPICAL?
L8	23 L5 AND SKIN?
L9	16 DUPLICATE REMOVE L8 (7 DUPLICATES REMOVED)
L10	0 L1 AND HYDROGEL

L Number	Hits	Search Text	DB	Time stamp
1	118	424/583.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/21 14:35
2	64	424/583.ccls. and placenta	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/21 14:36
3	73	424/583.ccls. and placenta\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/21 14:50
4	2	(424/583.ccls. and placenta\$) and psoriasis	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/21 14:38
5	34	(424/583.ccls. and placenta\$) and (ethanol or alcohol)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/21 14:39
6	24	424/583.ccls. and ethanol	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/21 14:50
7	2	(424/583.ccls. and ethanol) not (424/583.ccls. and placenta\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/21 14:51
8	274	placenta\$ same extract\$ same ethanol	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/21 14:52
9	40	(placenta\$ same extract\$ same ethanol) and topical\$	USPAT; US-PGPUB; EPO; JPO; DERWENT	2003/09/21 14:52

L4 ANSWER 28 OF 31 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1967:476270 CAPLUS  
 DN 67:76270  
 TI Therapeutic **placenta** preparations  
 IN Granirer, Louis W.  
 SO Brit., 11 pp.  
 CODEN: BRXXAA  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 1073302		19670621	GB	19630322
AB	A therapeutic compri. was obtained by treatment of <b>human placenta</b> with aq. EtOH of pH 2.7 and adjustment of the ext. to pH 9.6 to ppt. a Mg phosphate complex. The sol. material was evapd., dissolved in H <sub>2</sub> O, and treated with MgHPO <sub>4</sub> , and the resulting soln. evapd. to give a hard product which was ground to give more of the therapeutic agent. Addn. of penicillins to the complexes in the ratio 10-120 mg. therapeutic agent to 300,000 units of the penicillin, esp. procaine penicillin G, produced agents useful in penicillin therapy where a history of penicillin sensitivity exists. Case reports of successful treatment of staphylococcal and streptococcal infections, pneumonia, and of swellings and stiffness of knee and hip joints are given.				

L4 ANSWER 27 OF 31 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1967:467556 CAPLUS  
 DN 67:67556  
 TI Treatment of angina pectoris  
 IN Granirer, Louis W.; Adam, Elisabeth  
 SO U.S., 7 pp.  
 CODEN: USXXAM  
 DT Patent  
 LA English  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	US 3317391		19670502	US	19590107

AB An ext. of **human placenta**, sulfonamides, aspirin, and beef liver powder are combined for the treatment and relief of symptoms of angina pectoris. Fresh, finely ground **human** placentas are mixed at 20-30.degree. with a solvent consisting of 75% MeOH or EtOH and 25% water, acidified to pH 2.7 with H<sub>2</sub>SO<sub>4</sub>, allowed to stand at 0.degree. for 24-48 hrs., filtered, (NH<sub>4</sub>)<sub>2</sub>SO<sub>4</sub> added, the pH adjusted to 9.6 with NH<sub>4</sub>OH, the ppt. filtered off, the filtrate evapd. to dryness, the residue treated with MeOH to leave a water-sol. fraction which can be purified by heating in aq. soln. with activated C for 2 hrs. at 37.5.degree., filtering, and evapg. to dryness. To the purified residue (200 g. dissolved in 400 ml. water at 120.degree.F.) is added 500-2500 g. sulfonamide (sulfamerazine, sulfadiazine, or sulfamethazine) and more water to form a paste, aspirin 5000 g., 2500 g. powdered whole beef liver (desiccated and undefatted), and more water; the mixt. is allowed to stand for 2 weeks at pH 4, and dried at 50-55.degree.. The dry residue is mixed with water and again dried at 50-55.degree.; this step is repeated once more and results in a dry product which can be filled into capsules at 0.1-0.3-g. doses.

L4 ANSWER 23 OF 31 CAPLUS COPYRIGHT 2003 ACS on STN  
 AN 1983:221829 CAPLUS  
 DN 98:221829  
 TI Topical preparations containing **human** placental **extracts**  
 for treatment of hemorrhoids  
 PA Senju Pharmaceutical Co., Ltd., Japan  
 SO Jpn. Kokai Tokkyo Koho, 3 pp.  
 CODEN: JKXXAF  
 DT Patent  
 LA Japanese  
 FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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PI	JP 58049316	A2	19830323	JP 1981-148408	19810918
PRAI	JP 1981-148408		19810918		

AB **Pharmaceuticals** contg. **human placenta** exts.  
 for topical application are effective in treating hemorrhoids. The  
 placental exts. are known to contain amino acids, proteins, lipids,  
 sugars, nucleic acids, enzymes, vitamins, etc. Thus, a suppository was  
 prepd. contg. dried **human placenta** ext., polyethylene  
 glycol 4000 and polyethylene glycol 1500. The effectiveness of the  
 prepns. was clin. tested.

L4 ANSWER 22 OF 31 CAPLUS COPYRIGHT 2003 ACS on STN  
AN 1984:215533 CAPLUS  
DN 100:215533  
TI Stimulating the synthesis of melanotic pigment in the skin  
IN Miyares Cao, Carlos Manuel; Taboas Gonzalez, Manuel  
PA Empresa Cubana Importadora y Exportadora de Productos Medicos, Cuba  
SO Brit. UK Pat. Appl., 3 pp.  
CODEN: BAXXDU

DT Patent  
LA English

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	GB 2124900	A1	19840229	GB 1982-23160	19820811
	GB 2124900	B2	19860820		
	FR 2537585	A1	19840615	FR 1982-20746	19821210
	FR 2537585	B1	19861107		
PRAI	GB 1982-23160		19820811		

AB A **pharmaceutical** for the treatment of melanin pigment-deficient conditions contains proteins such as .alpha.-lipoprotein, having the properties of stimulating synthesis of the melanotic pigment, which is **extractable** from **human** placental cotyledons. Placental cotyledons were triturated and macerated with EtOH (95%) and filtered. The ext. was then treated with EtOH satd. with benzoic acid [65-85-0] and the mixt. filtered. The resulting ppt. was then treated with Me2CO and the mixt. centrifuged. The resulting ppt. was filtered, washed and then dried. The ppt. was dissolved in EtOH and chromatographed on Sephadex G 30 and the protein obtained was evaluated for pos. pigmentation activity in guinea pig skin. Pigmentation appeared from 10-20 days after a lyophilized mixt. was used on guinea pig skin.

111:120870

TI Process for the preparation of lipid **extracts** with a high content in phospholipids from **placenta**

IN Chirouze, Veronique; Tayot, Jean Louis

PA Imedex, Fr.

SO Eur. Pat. Appl., 7 pp.

CODEN: EPXXDW

DT Patent

LA French

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	EP 298787	A1	19890111	EP 1988-401363	19880606
	R: AT, BE, CH, DE, ES, GB, GR, IT, LI, LU, NL, SE				
	FR 2616353	A1	19881216	FR 1987-8180	19870612
	FR 2616353	B1	19911018		
	JP 01056794	A2	19890303	JP 1988-142730	19880609
PRAI	FR 1987-8180		19870612		

AB A process for the prepn. of lipid exts. contg. high phospholipid levels from placental materials comprises the simultaneous extn. of the quasi total lipid fractions in this material using a polar alc. solvent. Frozen **human** placentas (15 tons) were ground and thawed at 10.degree. in 10 m3 soln. contg. 6 g/L NaCl and 8% EtOH; 5 tons placental tissue was recovered by squeezing and the globulins of the placental blood were pptd. within 24 h using the method of Taylor, i.e. addn. of alc. up to 25% at neutral pH at 25.degree.. The placental tissue was dispersed in 25,000 L of a soln. contg. 9 g/L NaCl at pH 3.3 at 4.degree. and the acidified tissue was retained after squeezing and redispersed in 25,000 L EtOH; the lipid-free tissue was washed with EtOH, and subject to enzymic digestion in order to yield placental collagens. The alc. supernatant was then treated to give a lipid ext. free of undesirable substances. The lipid fraction contained phospholipids 50.8, free fatty acids 4.0, free cholesterol 14.2, esterified cholesterol 2.0, triglycerides 0.9, and Et esters 0.1 kg per 5 tone tissue ext. at pH 3.3. A comparable method using a hexane-iso-PrOH mixt. gave a lipid fraction contg. phospholipids 52, free fatty acids 5.8, free cholesterol 17, esterified cholesterol 6.6, triglycerides 2.1, and Et esters 0.1 kg per 5 ton tissue ext. The fatty acids included DMN (sic) 16:0 1.13, DMA 16:1 1.24, 16:0 22.09, 17:0 0.48, DMA 18:0 0.75, 18:0 9.68, 18:1 n-9 8.12, 18:1 n-7 1.93, 18:2 n-6 8.52, 20:2 n-6 0.45, 20:3 n-6 4.67, 20:4 n-6 26.88, 22:4 n-6 2.73, 22:5 n-6 2.02, 22:5 n-3 0.96, and 22:6 n-3 5.59. The fraction was rich in arachidonic acid.



L2 ANSWER 1 OF 2 BIOSIS COPYRIGHT 2003 BIOLOGICAL ABSTRACTS INC. on STN  
AN 1970:116314 BIOSIS  
DN BA51:26314  
TI SOME ASPECTS OF CURRENT **PSORIASIS** THERAPY.  
AU RAKHMANOV V A; INYAKHINA A V  
SO VESTN DERMATOL VENEROL, (1969) 43 (1), 16-29.  
CODEN: VDVEAV. ISSN: 0042-4609.  
FS BA; OLD  
LA Unavailable

L2 ANSWER 2 OF 2 MEDLINE on STN  
AN 86099200 MEDLINE  
DN 86099200 PubMed ID: 4082770  
TI [Effect of **placenta** suspension on the immunologic indicators and  
dynamics of skin changes in patients with palmar and plantar pustulous  
**psoriasis**].  
Vliianie vzvesi platsenty na immunologicheskie pokazateli i dinamiku  
kozhnogo protsessa u bol'nykh ladonno-podoshvennym pustuleznym psoriazom.  
AU Novikova Z I  
SO VESTNIK DERMATOLOGII I VENEROLOGII, (1985 Oct) (10) 46-8.  
Journal code: 0414246. ISSN: 0042-4609.  
CY USSR  
DT Journal; Article; (JOURNAL ARTICLE)  
LA Russian  
FS Priority Journals  
EM 198602  
ED Entered STN: 19900321  
Last Updated on STN: 19900321  
Entered Medline: 19860214